ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

18825-18935 MHz Cavity Bandpass Filter

Part Number: AB18880B1066

ISO 9001 REGISTERED FIRM

FL13/FL15

Electrical specifications

Passband: 18825-18935MHz
Passband Insertion Loss: ≤4.5dB
Passband Ripple: ≤0.5dB
Passband Return Loss: ≥12dB
Passband Group Delay ripple: ≤15 nsec
Rejection 1: ≥22dB@18770MHz,18990MHz
Rejection 2: ≥36dB@18715MHz,19045MHz
Rejection 3: ≥48dB@18660MHz,19100MHz
Rejection 4: ≥54dB@18605MHz,19155MHz
Rejection 5: ≥60dB@18550MHz,19210MHz
Rejection 6: ≥70dB@18495MHz,19265MHz
Rejection 7: ≥75dB@18468MHz,19293MHz
Rejection 8: ≥40dB@1000-3000MHz
Rejection 9: ≥60dB@3000-6000MHz
Rejection 10: ≥68dB@6000-15000MHz
Rejection 11: ≥70dB@15000-18000MHz
Rejection 12: ≥60dB@19500-20500MHz
Rejection 13: ≥70dB@20500-27000MHz
Power Handling: 1W(CW)
Input / Output Impedance: 50 Ohms

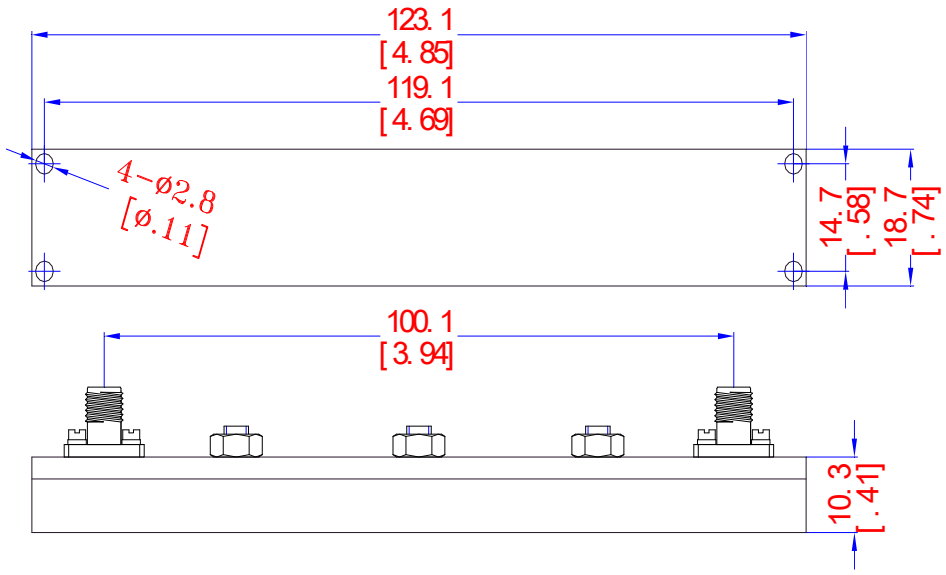
Mechanical

Connector Type: SMA (F)
Dimensions: 4.85 x .74 x .41 inches

Environmental

Operating Temperature: +15 to +30 deg. C
Storage temperature: -65 to +95 deg.C
Shock: 20 G's, ½ sine, 11ms
Vibration: 10 G's, 10-2000Hz
Relative Humidity: 0-95%

Outline Drawing:



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